AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application.

1. (Withdrawn) A method of augmenting rejection of tumor cells by a subject, the method comprising administering to the subject an effective amount of a pharmaceutical composition comprising an isolated D isomer of an inhibitor of indoleamine-2,3-dioxygenase, wherein the inhibitor of indoleamine-2,3-dioxygenase is selected from the group consisting of 1-methyl-D-tryptophan, β-(3-benzofuranyl)-D-alanine, β-(3-benzo(b)thienyl)-D-alanine, 6-nitro-D-tryptophan, and combinations thereof.

2. (Previously presented) A method of delaying the relapse or progression of a tumor in a subject, the method comprising administering an effective amount of a pharmaceutical composition comprising an isolated D isomer of an inhibitor or indoleamine-2,3-dioxygenase, wherein the inhibitor or indoleamine-2,3-dioxygenase is selected from the group consisting of 1-methyl-D-tryptophan, β-(3-benzofuranyl)-D-alanine, β-(3-benzo(b)thienyl)-D-alanine, 6-nitro-D-tryptophan and combinations thereof.

3. (Original) The method of claim 2 wherein the inhibitor of indoleamine-2,3-dioxygenase is 1-methyl-D-tryptophan.

4. (Cancelled)

5. (Withdrawn) The method of claim 1, wherein the tumor cells are a cancer selected from the group consisting of melanoma, colon cancer, pancreatic cancer, breast cancer, prostrate cancer, lung cancer, leukemia, brain tumors, lymphoma, sarcoma, ovarian cancer and Kaposi's sarcoma.

6. (Previously presented) The method of claim 2, further comprising administering one or more chemotherapeutic agents to the subject.

7. (Original) The method of claim 6 wherein at least one chemotherapeutic agent is selected from the group consisting of cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, ara-C, and combinations thereof.

8. (Previously presented) The method of claim 2 wherein the pharmaceutical compositions further comprises at least one chemotherapeutic agent.

9. (Original) The method of claim 8 wherein at least one chemotherapeutic agent is selected from the group consisting of cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, ara-C, and combinations thereof.

10. (Previously presented) The method of claim 2 further comprising administering radiation therapy.

11-16. (Cancelled)

17. (Previously presented) The method of claim 2 wherein the pharmaceutical composition is administered in combination with a cytokine.

18. (Original) The method of claim 17 wherein the cytokine is granulocyte-macrophage colony stimulating factor (GM-CSF) or flt3-ligand.

19. (Previously presented) The method of claim 2 wherein the pharmaceutical composition further comprises a cytokine.

20. (Previously presented) The method of claim 2 wherein the pharmaceutical composition is administered in combination with a vaccine.

21. (Original) The method of claim 20, wherein the vaccine is a tumor vaccine.

22. (Original) The method of claim 21, wherein the tumor is a melanoma vaccine.

23. (Original) The method of claim 21, wherein the tumor vaccine comprises genetically modified tumor cells.

24. (Original) The method of claim 23, wherein the genetically modified tumor cells are transfected with granulocyte-macrophage stimulating factor (GM-CSF).

25. (Cancelled)

26. (Original) The method of claim 21, wherein the tumor vaccine comprises dendritic cells.

27. (Withdrawn) A method of stimulating an immune response to a tumor in a subject, the method comprising administering to the subject an effective amount of a pharmaceutical composition comprising an isolated D isomer of an inhibitor of indoleamine-2,3-dioxygenase, where the inhibitor of indoleamine-2,3-dioxygenase is selected from the group consisting of 1-methyl-D-tryptophan, β-(3-benzofuranyl)-D-alanine, β-(3-benzo(b)thienyl)-D-alanine, 6-nitro-D-tryptophan, and combinations thereof.

28 – 42. (Cancelled)

43. (Withdrawn) A method of treating a subject suffering from a neoplastic condition, the method comprising administering to the subject an effective amount of a pharmaceutical composition comprising an isolated D isomer of an inhibitor of indoleamine-2,3-dioxygenase, wherein the inhibitor of indoleamine-2,3-dioxygenase is selected from the group consisting of 1-methyl-D-tryptophan, β-(3-benzofuranyl)-D-alanine, β-(3-benzo(b)thienyl)-D-alanine, 6-nitro-D-tryptophan, and combinations thereof.

44-47. (Cancelled)

48. (New) A method of augmenting rejection of tumor cells by a subject, the method comprising administering to the subject an effective amount of a pharmaceutical composition consisting essentially of 1-methyl-D-tryptophan.

49. (New) The method of claim 48, further comprising administering at least one chemotherapeutic agent to the subject.

50. (New) The method of claim 49, wherein the chemotherapeutic agent is selected from the group consisting of: cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, and ara-C.

51. (New) The method of claim 48, wherein the composition further comprises at least one chemotherapeutic agent.

52. (New) The method of claim 51, wherein the chemotherapeutic agent is selected from the group consisting of: cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, and ara-C.

53. (New) The method of claim 48, further comprising administering radiation therapy.

54. (New) The method of claim 48, further comprising administering a cytokine.

55. (New) The method of claim 54, wherein the cytokine is granulocyte-macrophage colony stimulating factor (GM-CSF) or its flt3-ligand.

56. (New) The method of claim 48, wherein the pharmaceutical composition further comprises a cytokine.

57. (New) The method of claim 48, further comprising administering a vaccine.

58. (New) The method of claim 57, wherein the vaccine is a tumor vaccine.

59. (New) The method of claim 58, wherein the tumor vaccine is a melanoma vaccine.

60. (New) The method of claim 58, wherein the tumor vaccine comprises genetically modified tumor cells.

61. (New) The method of claim 60, wherein the genetically modified tumor cells are transfected with granulocyte-macrophage stimulating factor (GM-CSF).

62. (New) The method of claim 58, wherein the tumor vaccine comprises dendritic cells.

63. (New) The method of claim 48, wherein said composition consisting essentially of 1-methyl-D-tryptophan is administered before, during, or after surgical resection, radiation therapy, chemotherapy, hormone therapy, anti-tumor vaccination, anti-viral vaccination, antibody-based therapy, cytokine-based therapy, whole body irradiation, bone marrow transplantation, and peripheral stem cell transplantation.

64. (New) The method of claim 48, wherein the composition comprises a pharmaceutically acceptable carrier.

65. (New) The method of claim 48, wherein the composition is formulated for oral, rectal, nasal, topical, transdermal, aerosol, buccal, sublingual, vaginal, parenteral, subcutaneous, intramuscular, intravenous, intradermal, enteral, intraperitoneal, or intravesical administration.

66. (New) The method of claim 65, wherein the composition is formulated for oral delivery.

67. (New) The method of claim 66, wherein the composition is formulated in a tablet or a capsule.

68. (New) The method of claim 67, wherein the composition is formulated for a controlled or sustained release.

69. (New) The method of claim 48, wherein the composition is formulated as an ointment, a gel, a solution, a patch, or an implant.

70. (New) The method of claim 48, wherein the composition further comprises one or more diluents, buffers, binders, disintegrants, surface active agents, thickeners, lubricants, or preservatives.

71. (New) The method of claim 48, wherein the administering is carried out in a number of doses at intervals of time.

72. (New) A method of augmenting rejection of tumor cells by a subject, the method comprising administering to the subject an effective amount of a pharmaceutical composition comprising 1-methyl-D-tryptophan but not 1-methyl-(D,L)-tryptophan.

73. (New) The method of claim 72, comprising administering to the subject an effective amount of a pharmaceutical composition comprising 1-methyl-D-tryptophan but not 1-methyl-L-tryptophan.

74. (New) The method of claim 72, further comprising administering at least one chemotherapeutic agent to the subject.

75. (New) The method of claim 74, wherein the chemotherapeutic agent is selected from the group consisting of: cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, and ara-C.

76. (New) The method of claim 72, wherein the composition further comprises at least one chemotherapeutic agent.

77. (New) The method of claim 76, wherein the chemotherapeutic agent is selected from the group consisting of: cyclophosphamide, methotrexate, fluorouracil, doxorubicin, vincristine, ifosfamide, cisplatin, gemcytabine, busulfan, and ara-C.

78. (New) The method of claim 72, further comprising administering radiation therapy.

79. (New) The method of claim 72, further comprising administering a cytokine.

80. (New) The method of claim 79, wherein the cytokine is granulocyte-macrophage colony stimulating factor (GM-CSF) or its flt3-ligand.

81. (New) The method of claim 72, wherein the pharmaceutical composition further comprises a cytokine.

82. (New) The method of claim 72, further comprising administering a vaccine.

83. (New) The method of claim 82, wherein the vaccine is a tumor vaccine.

84. (New) The method of claim 83, wherein the tumor vaccine is a melanoma vaccine.

85. (New) The method of claim 83, wherein the tumor vaccine comprises genetically modified tumor cells.

86. (New) The method of claim 85, wherein the genetically modified tumor cells are transfected with granulocyte-macrophage stimulating factor (GM-CSF).

87. (New) The method of claim 83, wherein the tumor vaccine comprises dendritic cells.

88. (New) The method of claim 72, wherein said composition consisting essentially of 1-methyl-D-tryptophan is administered before, during, or after surgical resection, radiation therapy, chemotherapy, hormone therapy, anti-tumor vaccination, anti-viral vaccination,

antibody-based therapy, cytokine-based therapy, whole body irradiation, bone marrow transplantation, and peripheral stem cell transplantation.

89. (New) The method of claim 72, wherein the composition comprises a pharmaceutically acceptable carrier.

90. (New) The method of claim 72, wherein the composition is formulated for oral, rectal, nasal, topical, transdermal, aerosol, buccal, sublingual, vaginal, parenteral, subcutaneous, intramuscular, intravenous, intradermal, enteral, intraperitoneal, or intravesical administration.

91. (New) The method of claim 90, wherein the composition is formulated for oral delivery.

92. (New) The method of claim 91, wherein the composition is formulated in a tablet or a capsule.

93. (New) The method of claim 92, wherein the composition is formulated for a controlled or sustained release.

94. (New) The method of claim 72, wherein the composition is formulated as an ointment, a gel, a solution, a patch, or an implant.

95. (New) The method of claim 72, wherein the composition further comprises one or more diluents, buffers, binders, disintegrants, surface active agents, thickeners, lubricants, or preservatives.

96. (New) The method of claim 72, wherein the administering is carried out in a number of doses at intervals of time.